Lab 08 Template – Ethan Roepke

1. **Screenshot of the default Apache page via Lynx**

**www.studentXX.230.com**

(10 points)

A screenshot of a computer screen

Description automatically generated

1. **Screenshot of the Hello, world! PHP page via Firefox**

**www.studentXX.230.com/helloworld.php**

(10 points)

A screen shot of a computer

Description automatically generated

1. **Screenshot of one of the users logged into PHP web page via Firefox**

**www.studentXX.230.com/login.php**

(10 point

A computer screen shot of a computer

Description automatically generated

1. **Screenshot of Wireshark showing the plaintext password when logging in**

(5 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of the Apache default page on HTTPS via Firefox**

**https://www.studentXX.230.com**

(10 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of the SSL certificate**

(10 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of Wireshark showing an encrypted packet when logging in**

(5 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of the profile page, via Firefox**

**https://studentXX.230.com/profile.php**

(10 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of the database, with changed username and password**

(5 points)

A screen shot of a computer

Description automatically generated

1. **Description of what SQL injection is, and how you might go about preventing it**

(10 points)

SQL injection allows attackers to access information that was no intended to be displayed by using a malicious SQL code.

A way to preventing outside attackers from using SQL injection by utilizing parametrized queries. This will be allow you use to reuse them for similar applications and wont need to create separate queries for each case.

1. **Screenshot of NAT rule(s)**

(5 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of successful Nagios queries against web services.**

(10 points)

A screenshot of a chat

Description automatically generated